

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-11. (Cancelled)

12. (New) Structured multi-purpose packings comprising material separation elements and second functionality elements arranged in alternate layers, the material separation elements having a profiled surface, and each of the second functionality elements having two or more closed chambers provided on top of each other and filled with a physically, chemically or biologically active packing material, a space being provided between any two of the chambers, which space is bridged by a section for conducting a liquid, wherein the walls of the chambers of the second functionality elements are of a polymeric material.

13. (New) The structured multi-purpose packings of claim 12, wherein the polymeric material is selected from the group consisting of polyamides, polyolefins, and halogenated polyolefins.

14. (New) The structured multipurpose packings of claim 13, wherein the polymeric material is selected from the group consisting of nylon, polyethylene, polypropylene, polytetrafluoroethylene, and polyvinyl chloride.

15. (New) The structured multi-purpose packings of any one of claims 12, 13, or 14, wherein the polymeric material of the walls of the chambers of said second functionality elements is in the form of a woven, knitted, braided or open-meshed fabric.

16. (New) The structured multi-purpose packings of claim 12, wherein said physically, chemically or biologically active packing material for the chambers of the second functionality elements is in a solid or liquid form.

17. (New) The structured multi-purpose packings of claim 12, wherein said packing material comprises ion exchangers, active charcoal, support materials with biofilms or extractants.

---